

INTERNATIONAL SEARCH REPORT

International Application No

PCT/03/03585

CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06T5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

INSPEC, EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	EP 1 076 318 A (JOHN P ROBARTS RES INST) 14 February 2001 (2001-02-14)	1-3,5,6, 8,9,16, 19-21
X	page 8, line 16 - line 32	17
Y	page 8, line 16 - line 32	18
Y	claim 1; figure 6	4,7, 10-15

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

30 October 2003

Date of mailing of the international search report

06/11/2003

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(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	COOTES T F ET AL: "Statistical models of appearance for medical image analysis and computer vision" MEDICAL IMAGING 2001: IMAGE PROCESSING, SAN DIEGO, CA, USA, 19-22 FEB. 2001, vol. 4322, pt.1-3, pages 236-248, XP009020085 Proceedings of the SPIE - The International Society for Optical Engineering, 2001, SPIE-Int. Soc. Opt. Eng, USA ISSN: 0277-786X cited in the application abstract	4,7
Y	MCINERNEY T ET AL: "Deformable Models in Medical Analysis: A Survey" MEDICAL IMAGE ANALYSIS, OXFORDUNIVERSITY PRESS, OXFORD, GB, vol. 1, no. 2, June 1996 (1996-06), pages 91-108, XP002230283 ISSN: 1361-8423 sec. 3.5, "Motion tracking and analysis" page 100 -page 101	10-15
Y	US 2002/102023 A1 (YAMAUCHI MASAKI) 1 August 2002 (2002-08-01) page 12, paragraph 202 -page 13, paragraph 204; figures 26,27	18
A	JAIN ET AL: "DEFORMABLE TEMPLATE MODELS: A REVIEW" SIGNAL PROCESSING. EUROPEAN JOURNAL DEVOTED TO THE METHODS AND APPLICATIONS OF SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL, vol. 71, no. 2, December 1998 (1998-12), pages 109-129, XP000858630 ISSN: 0165-1684 the whole document	1-21
A	COOTES T F ET AL: "Use of active shape models for locating structures in medical images" IMAGE AND VISION COMPUTING, JULY-AUG. 1994, UK, vol. 12, no. 6, pages 355-365, XP009020099 ISSN: 0262-8856 cited in the application the whole document	1-21

-/--

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PCT/03/03585

(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DECLERCK J ET AL: "AUTOMATIC REGISTRATION AND ALIGNMENT ON A TEMPLATE OF CARDIAC STRESS AND REST REORIENTED SPECT IMAGES" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE INC. NEW YORK, US, vol. 16, no. 6, 1 December 1997 (1997-12-01), pages 727-737, XP000738193 ISSN: 0278-0062 cited in the application the whole document ----	1-21
A	DE 198 57 608 A (DEUTSCHES KREBSFORSCH) 6 July 2000 (2000-07-06) figure 1 ----	1-21
A	HILL A ET AL: "MEDICAL IMAGE INTERPRETATION: A GENERIC APPROACH USING DEFORMABLE TEMPLATES" MEDICAL INFORMATICA, TAYLOR AND FRANCIS, BASINGSTOKE, GB, vol. 19, no. 1, January 1994 (1994-01), pages 47-59, XP009004299 ISSN: 0307-7640 the whole document -----	1-21

INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/03/03585

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1076318	A	14-02-2001	CA	2301675 A1	13-02-2001
			EP	1076318 A1	14-02-2001
US 2002102023	A1	01-08-2002	JP	2002224116 A	13-08-2002
DE 19857608	A	06-07-2000	DE	19857608 A1	06-07-2000
			AU	2277100 A	03-07-2000
			WO	0036563 A1	22-06-2000
			DE	19982719 D2	03-01-2002